

## Waste Tire Projects 1990-2010

This document provides information about Ecology funded tire pile removals from 1990 to 2010. The more recent removal efforts (2007-2010) are summarized first.

### Tire Pile Removals – 2007-2010

The Waste Tire Removal Account funded seven cleanup contracts starting in May 2007 through September 2010. These contract efforts removed more than 5 million tires from 175 waste tire piles in 30 counties across the state (1 ton of tires is about 100 passenger tires). These removal efforts moved nearly 5.5 million tires from piles to reuse or disposal. Common recycling and reuse of waste tire materials includes crumb rubber, stamped rubber bumpers, tire rings, fuel for cement kilns and scrap steel (wheel rims).

The following table summarizes the tire pile removals for each county. All of these efforts were funded by the Waste Tire Removal Account. The cost of all removals, total tons removed, and percent of tires recycled are listed in the table. The average cost of a tire pile cleanup was \$172 per ton (approximately \$1.72 per tire).

**Ecology Tire Pile Removal Projects – 2007 to 2010**

County/Tribe	Number of Piles	Tons Removed	Total Cost	Recycled
Adams	1	213	\$51,659	100%
Benton	8	1,044	\$227,252	84%
Chelan	4	814	\$188,400	72%
Clallam	6	1,141	\$314,529	63%
Clark	3	742	\$144,209	94%
Colville Tribe	1	194	\$53,630	98%
Cowlitz	5	331	\$70,011	93%
Franklin	5	1,293	\$326,819	91%
Grant	14	2,636	\$707,921	78%
Grays Harbor	11	1,620	\$289,573	92%
Island	1	43	\$7,852	100%
Jefferson	7	1,046	\$221,390	78%
King	11	2,233	\$418,061	91%
Kitsap	2	249	\$42,630	99%

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### Ecology Tire Pile Removal Projects – 2007 to 2010

County/Tribe	Number of Piles	Tons Removed	Total Cost	Recycled
Kittitas	6	965	\$242,169	100%
Klickitat	17	21,489	\$2,464,005	13%
Lewis	13	6,390	\$1,036,278	39%
Lincoln	7	747	\$236,396	92%
Mason	6	1,303	\$237,354	97%
Okanogan	2	557	\$157,635	99%
Pend Oreille	4	394	\$81,047	53%
Pierce	8	823	\$158,789	95%
Skagit	1	62	\$13,154	91%
Snohomish	4	486	\$127,258	92%
Spokane	5	1,399	\$277,789	100%
Stevens	1	97	\$23,367	100%
Thurston	5	1,225	\$244,165	97%
Walla Walla	3	415	\$105,445	88%
Whatcom	4	237	\$61,784	73%
Whitman	1	278	\$50,652	66%
Yakama Nation	5	3,845	\$757,208	5%
Yakima	5	717	\$163,845	100%
<b>TOTAL</b>	<b>175</b>	<b>54,832</b>	<b>\$9,448,644</b>	<b>84%</b>

A detailed list of the 175 tire pile removal efforts is provided online at:

- <http://www.ecy.wa.gov/programs/swfa/tires/pdf/Cleanups2007.pdf>

### Tire Pile Removals – 1990-1998

In 1989 the Washington State Legislature passed Substitute House Bill (SHB) 1671 (Sections 92 – 95) which established a \$1 per tire fee on the retail sale of new vehicle tires for the Vehicle Tire Recycling Account (VTRA). Collection of this tire fee ended in 1994 and the account was fully spent in 1998. This account provided approximately \$14.4 million to clean up 28 unpermitted

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tire piles in 9 counties around Washington. The following table summarizes the tire pile cleanups performed using the VTRA.

**Tire Pile Cleanups 1990 to 1998**

<b>Calendar Year</b>	<b># Sites</b>	<b>Estimated Tons Removed</b>	<b>Cost</b>
<b>1990</b>	1	92	\$102,667
<b>1991</b>	14	794	\$1,816,894
<b>1992</b>	3	1,263	\$1,241,133
<b>1993</b>	2	57	\$65,394
<b>1994</b>	1	932	\$166,000
<b>1995</b>	2	4,159	\$4,114,859
<b>1996</b>	3	2,380	\$3,235,372
<b>1997</b>	1	175	\$310,200
<b>1998</b>	1	2,800	\$3,378,947
<b>TOTAL</b>	<b>28</b>	<b>12,652</b>	<b>\$14,431,466</b>

### Questions:

Contact the Waste 2 Resources program at Ecology's headquarters office:

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**Tires removed from Klickitat County in 2007  
(Mt Adams in the background)**